

In the specification:

Please replace the paragraph beginning at page 5, line 20 with the following:

Figure 3 shows a length of a strip S of stock material ~~[[S]]~~ that is to be formed into a muntin bar M according to the invention. An outer surface 24 of the ~~stock material~~ strip S is painted to have a desired color. This first color is the color presented to an observer from one side of the completed insulating glass unit 10. The ~~stock material~~ strip S is made from a thin elongated metal, for example, aluminum or steel that can be wound into an elongated strip as disclosed in the pending patent application to McGlinchy et al. noted above. The two tone appearance of the muntin bar M is achieved by applying a coating or covering layer 150 (Figure 6) to one side of the strip. The process for applying this coating is described in greater detail below.

Please replace the paragraph beginning at Page 6, line 1 with the following:

According to the fabrication process disclosed in the McGlinchy et al. patent application, the ~~ribbon-stock~~ strip S is fed lengthwise through a muntin bar production line including a series of forming stations and is formed into a muntin bar M having a notch 22 for interfitting with the notch of another muntin bar. The ~~stock material~~ strip S (Figure 3) includes opposite edges 30a, 30b that, along with fold lines 32a, 32b, define a pair of end panels 34a, 34b. The fold lines 32a, 32b, along with fold lines 32c, 32d, define a pair of intermediate panels 36a, 36b. The fold lines 32c, 32d define a central panel 38. The notch 22, shown in phantom, extends inward from edge 30a of the stock material illustrated in Figure 3 to the centerline 28.

Replace the paragraph beginning at page 9, line 9 with the following:

Returning to Figure 5, the system 110 for fabricating the elongated strip S from the first ~~aluminum or steel~~ strip 116 of aluminum or steel and the covering material 150 released from the lamination foil 122 includes a drive system (discussed below) for simultaneously unwinding the muntin bar material 116 and the covering material 150 and bringing them into contact with each other to cause the covering material 150 to overlies and adhere to a portion of the surface 24 of the muntin bar material 116. In the disclosed exemplary embodiment of the invention the covering material 150 covers one half of the outwardly facing surface 24 of the strip 116, namely one of the surface portions 24a or 24b. A pressure roll 123 defines a nip 124 for applying pressure to a region

of engagement between the muntin bar material strip 116 and the lamination foil 122.

Replace the paragraph beginning at page 10, line 7 with the following:

Side to side alignment or registration is maintained between the two strips 116, 122 by guide rollers 166 (Figure 9) that engage the side of the strip 116 after it has been unwound from the supply 114. These guide rollers 166 rotate about generally vertical axes and maintain the strip in side to side alignment near the ~~iron impregnated heat controlled silicon roller~~ pressure roll 123. The pressure roll 123 is a iron impregnated heat controlled silicon roll. The strip 122 is unwound from its supply 120 and reeved around a guide roller 167 for the laminating foil 122. The foil 122 and strip 116 are brought together at the nip between the ~~roller~~ pressure roll 123 and the steel backing roller 162. On the exit side of the nip 124 the carrier layer passes over a guide 168 and rewound on the coil 151. The ~~roller~~ pressure roll 123 is mounted for side to side movement so that for a ~~two tone bar-stock strip~~ strip S such as the one shown in Figure 9, the ~~roller~~ pressure roll 123 only contacts the laminating foil 122. The ~~roller~~ pressure roll 123 also provides a position adjustment to allow adjustment of the position of the lamination edge.

Replace the paragraph beginning at line 18 of page 10 with the following:

The pressure roll 123 is biased against a fixed nip defining roll 162 mounted for rotation along a path of travel for the strip 116 and lamination foil 122. The pressure roll 123 is a heat controlled iron impregnated silicone roller. Before reaching the nip 124, the strip 116 is directed by a strip guide roller through a controlled preheat chamber 172 to preheat the strip 116. Preheating the strip 116 facilitates proper adhesion of the adhesive layer ~~±50~~ 218 to the painted surface to produce high quality lamination at high speeds (greater than 10 feet per minute). The heating cross links bonding between the decorative ~~paint~~ color layer ~~±54~~ 216 and the painted strip surface 24. Downstream of the nip 124 is a cooling tunnel 174 for cooling the temperature of the fabricated muntin bar strip S prior to recoiling the strip S, so the strip does not stick to other layers when rewound.

Consideration of the application in view of the present amendment is respectfully requested. New claims 33-35 have been added.

In view of the foregoing, it is submitted that the application is in condition for allowance,

prompt notice to that effect is respectfully requested.

Respectfully submitted,

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